

KV100™ Viscometer

an in-line capillary viscometer for automatic viscosity control

Model KV100 is a user-friendly capillary viscometer that excels in rough process environments, on downgraded set-ups at pilot plants, and under semi-laboratory conditions.

The KV100 Capillary Viscometer easily measures low and medium viscosity materials. Measurements are based on the principle that pressure decrease between the two ends of the measuring capillary is proportional to viscosity.



Continuous measurement eliminates need for "grab" sampling and allows for prediction of final product flow properties

Instrument resists pressure and temperature fluctuations through the use of gear pump and magnet coupling

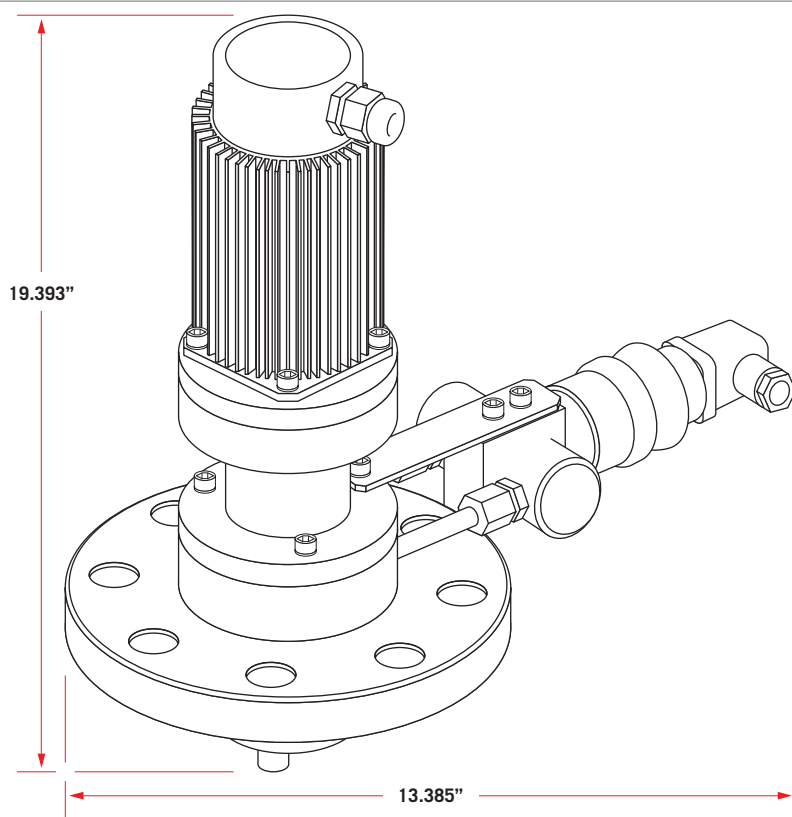
4-20 mA output signal provides a variety of display and control capabilities

Accurate, repeatable measurements under variable conditions

Displays measurement data and calculation options capable with optional accessories

Custom viscosity ranges up to 500 mPas (cP) available

Typical Installation



Optional Configurations

Pipeline adapters including flow-through, flanged Tee's and continuous flow cells for flexible tubes or small pipe diameters.

KV-100 Ranges & Specifications

Measurement Type:	Capillary
Measurement Range:	0 to 500 / 0 to 2,000 mPa•s
Pressure Range:	0 to 2.5 MP
Temperature (fluid):	-25° to +150°C
Ambient Temperature:	-25° to +50°C
Repeatability:	±2.5% of full scale
Power Requirements:	230VAC, 50 or 60Hz, 100W
Output Signal:	0 to 10V
Enclosure Code:	IP 54



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